

Amendments to the Specification

Please insert the following paragraph at page 4, line 14 of the specification:

FIGS. 14-17 illustrate flowcharts of methods for transmitting packet(s) in a communication system in accordance with embodiments of the present invention.

Please insert the following heading and paragraphs at page 26, line 6 of the specification:

Example Methods

FIGS. 14-17 illustrate flowcharts 1400, 1500, 1600, and 1700 of methods for transmitting packet(s) in a communication system in accordance with embodiments of the present invention. Flowcharts 1400, 1500, 1600, and 1700 will be described with continued reference to the example cable modem system described above in reference to FIG. 2.

Referring now to FIG. 14, at least one first user unique parameter corresponding with a first carrier frequency is stored at block 1402. For example, cable modem 12 may store the at least one first user unique parameter. At least one second user unique parameter corresponding with a second carrier frequency that is different from the first carrier frequency is stored at block 1404. For example, cable modem 12 may store the at least one second user unique parameter. At block 1406, a data packet having a data packet length is transmitted either via the first carrier frequency using the at least one first user unique parameter or via the second carrier frequency using the at least one second user unique parameter, based on the data packet length. For example, cable modem 12 may transmit the data packet to headend 1012 via HFC network 1010.